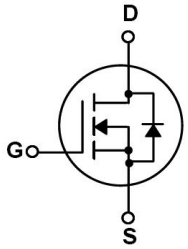
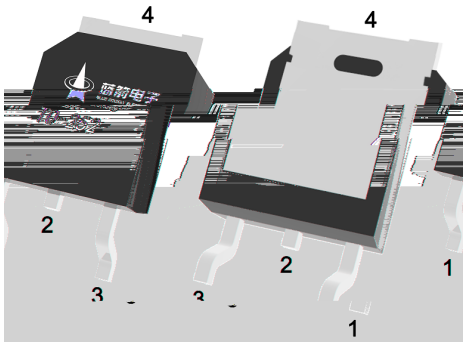
SiC

≤ Ω Ω

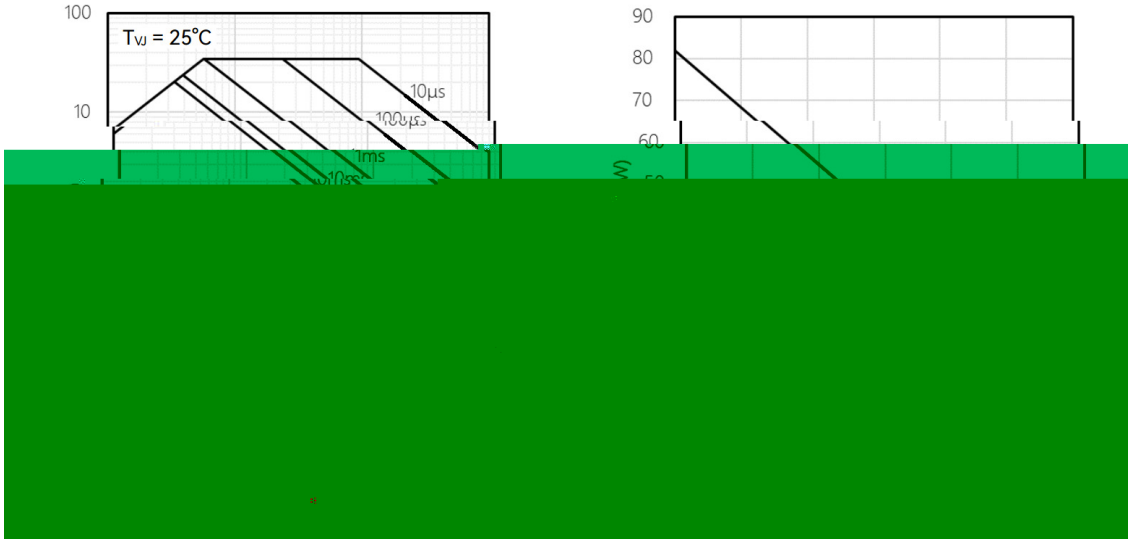
≤ Ω Ω

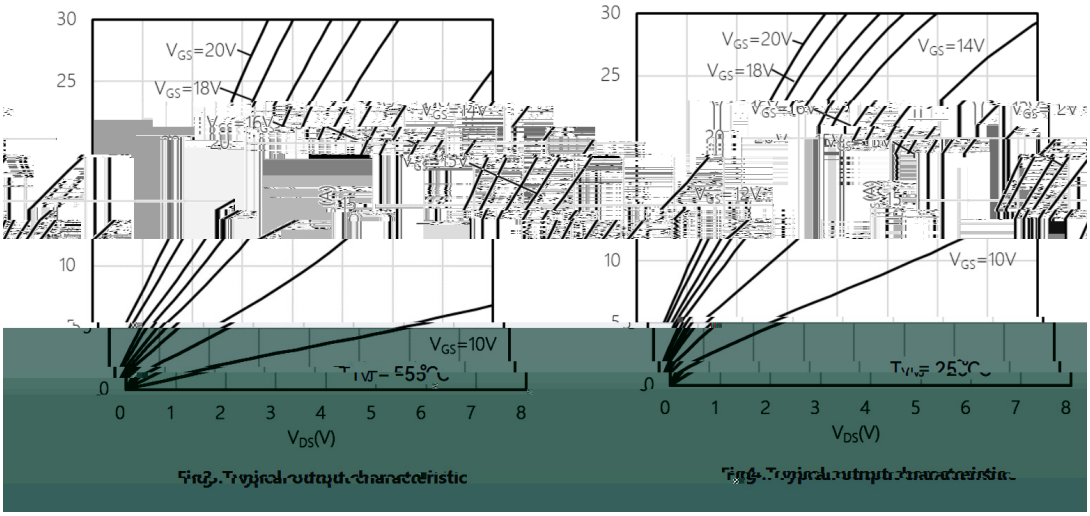
LED PD PC





		μ				
		Ω				
–						μ
–						
						Ω





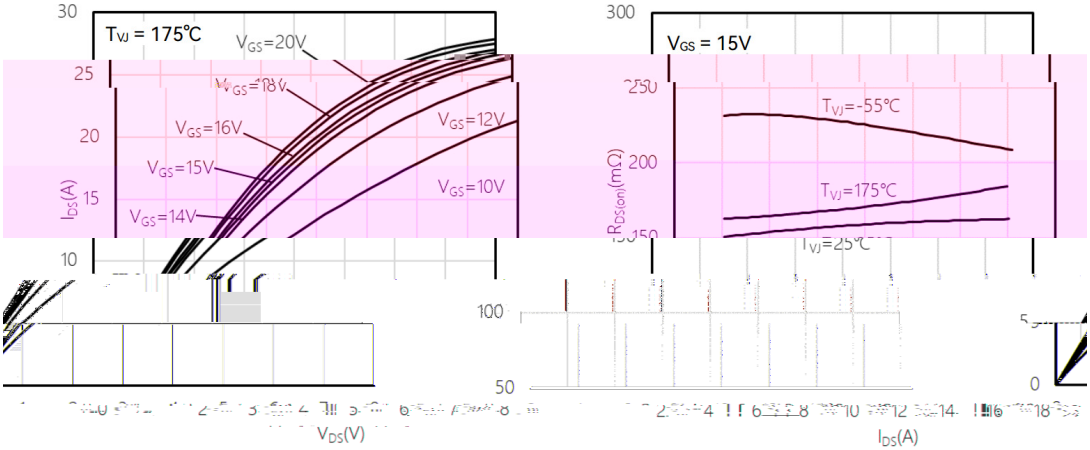
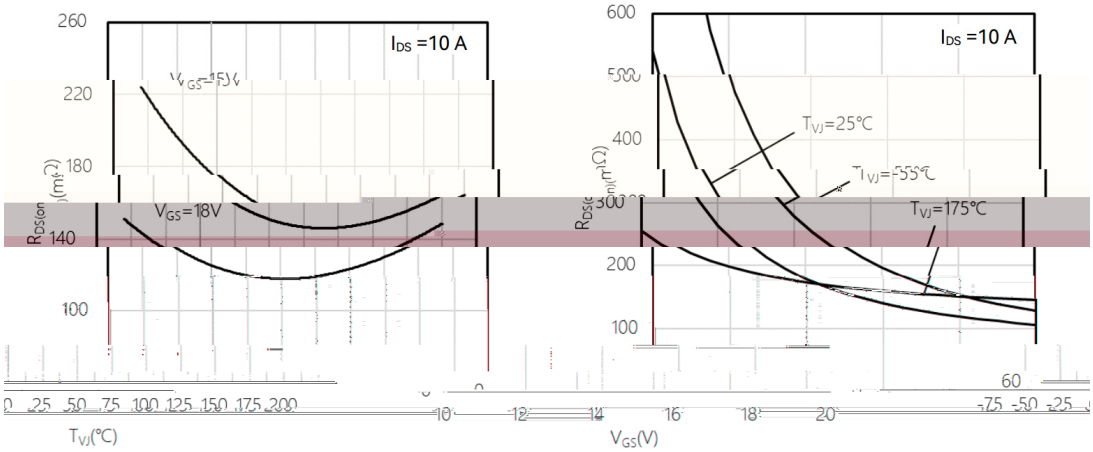


Fig5. Typical output characteristic

Fig6. Typical on-state resistance as a function of drain current



pical on-state resistance as a ction of temperature

Fig8. Typical on-state resistance as a function of VGS

Fig7. Ty fun

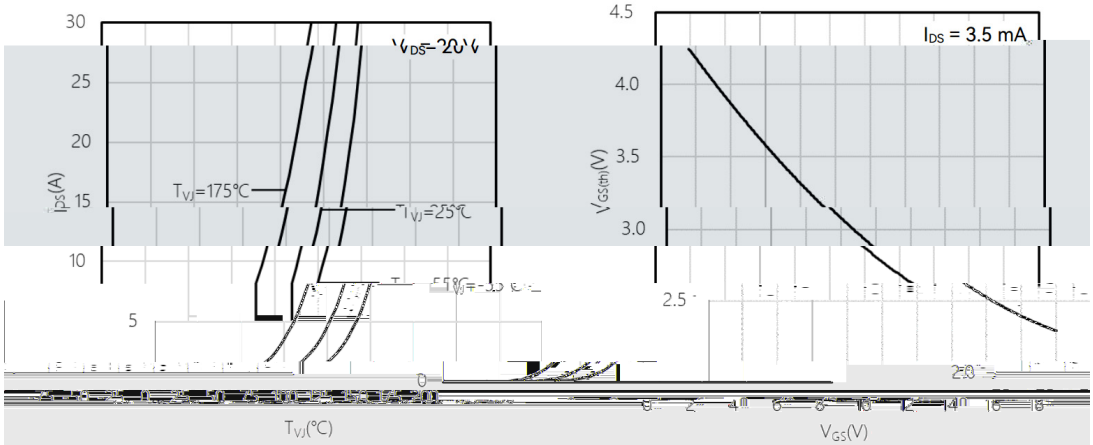


Fig10. Typical gate-source threshold voltage as a function of junction temperature

Fig9. Typical transfer characteristic

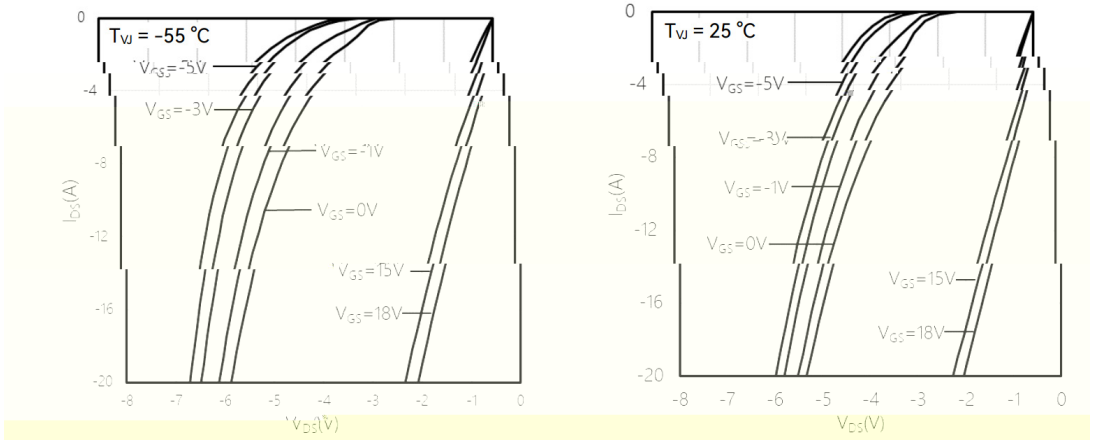


Fig11. Typical reverse drain current as function of reverse drain voltage

Fig12. Typical reverse drain current as function of reverse drain voltage

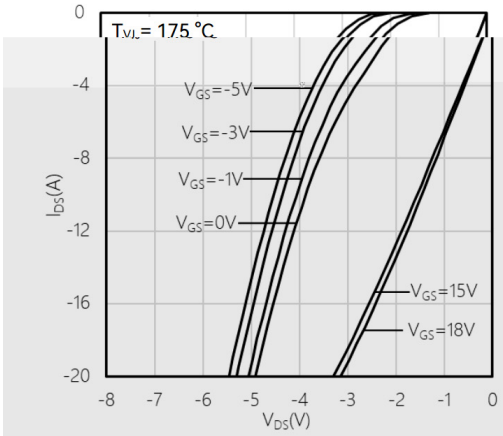


Fig13. Typical reverse drain current as function of reverse drain voltage

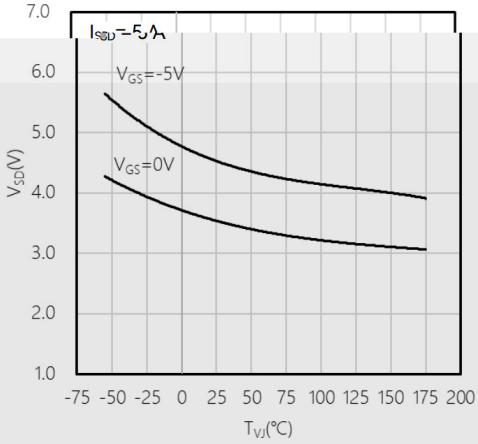
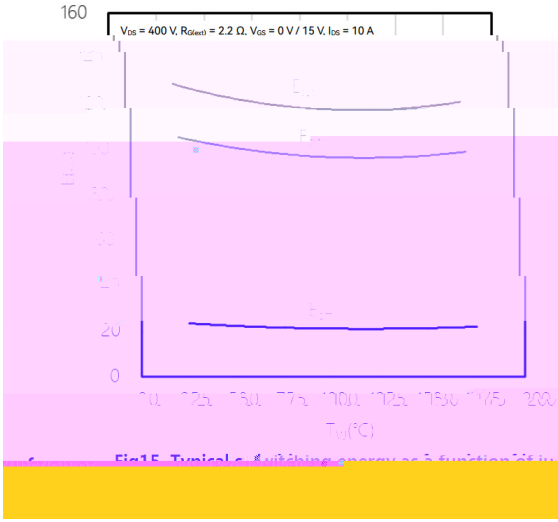
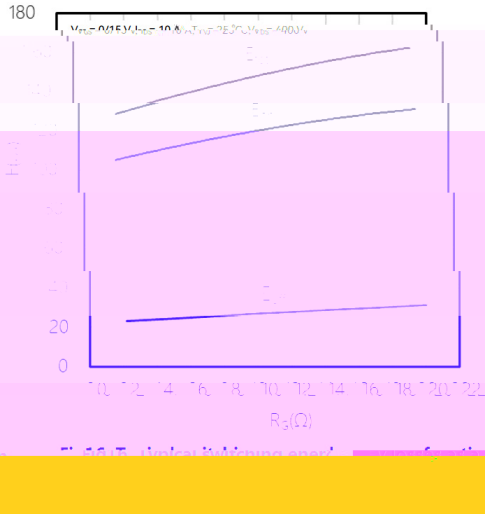
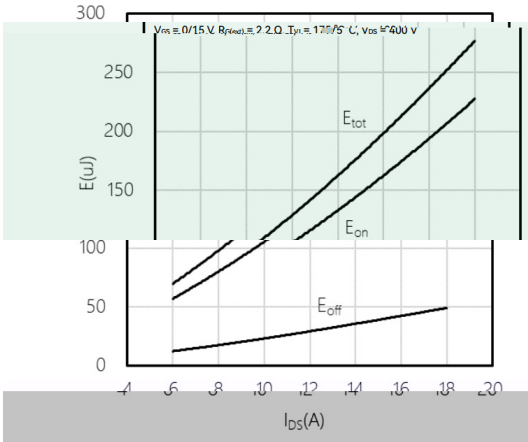
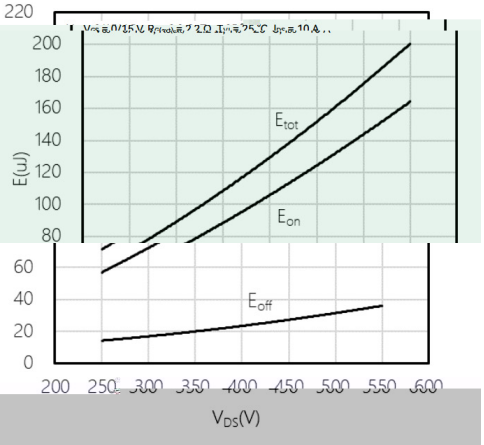


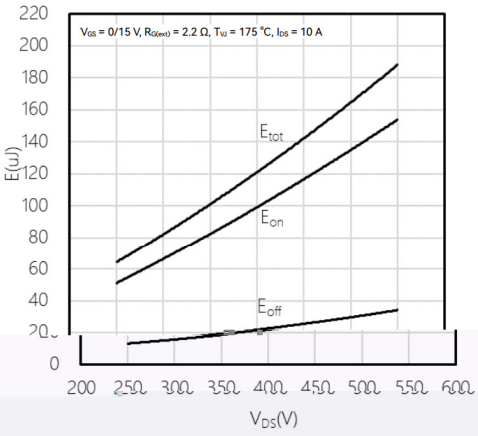
Fig14. Typical reverse drain voltage as function of junction temperature











of VDS, 2nd device own body diode: VGS = -5V

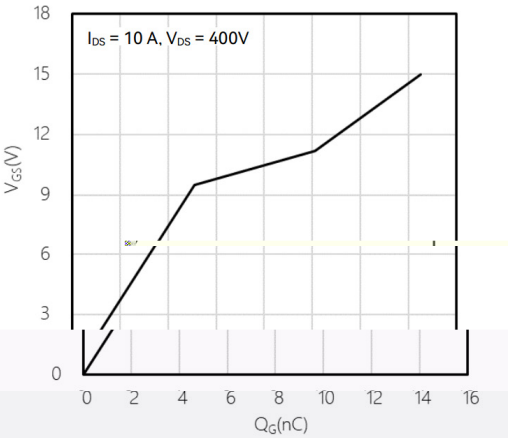


Fig22. Typical gate charge

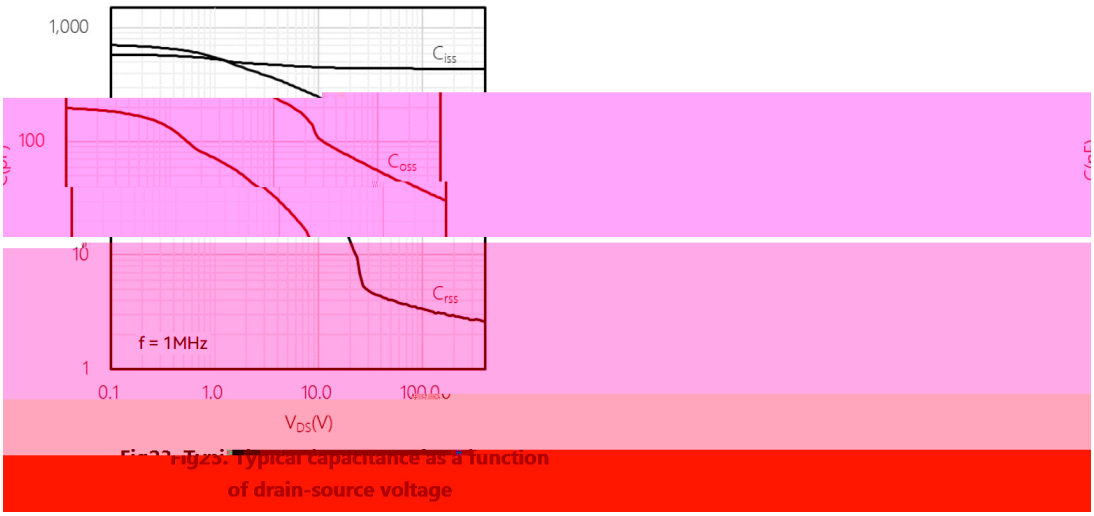


Fig23. Typical capacitance as a function of drain-source voltage

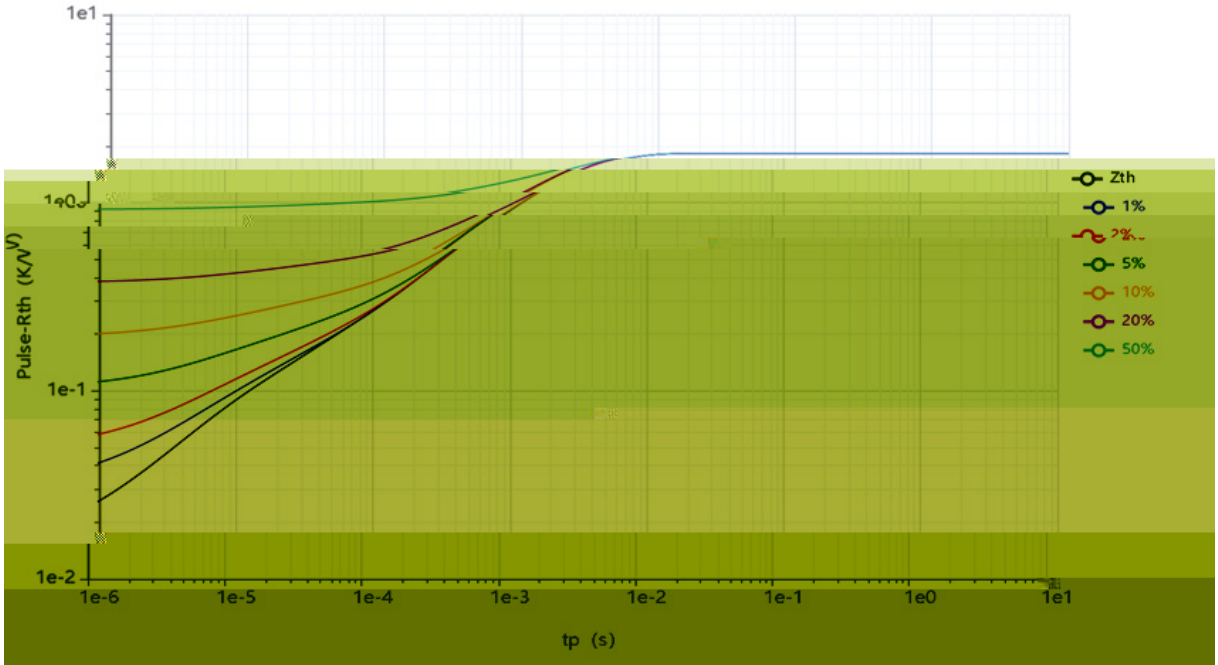
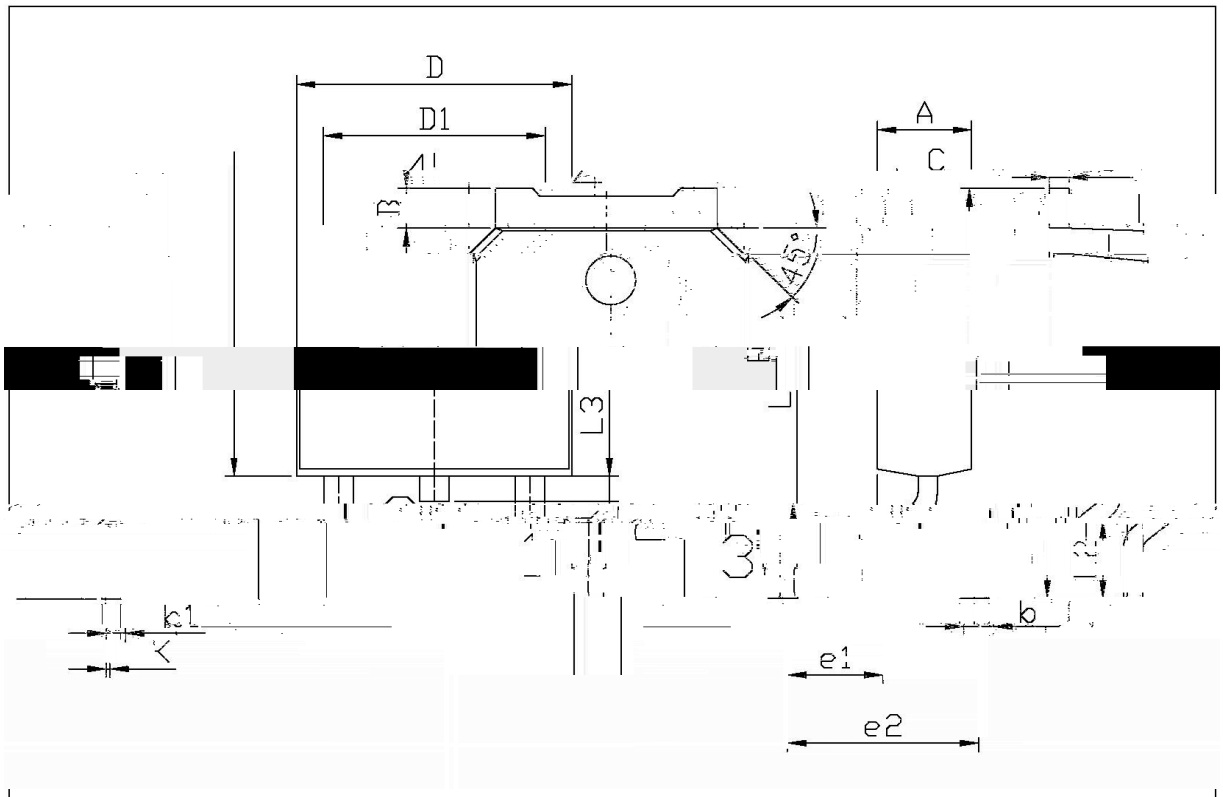
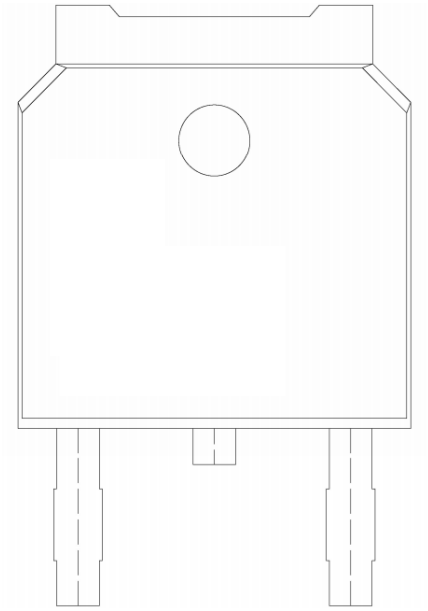


Fig24. Transient thermal resistance (MOSFET)



单位：mm

Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max.		Min	Max.
5.95	6.25		A	2.20	2.40
2.24	2.34		B	0.95	1.25
4.42	4.73		b	0.70	0.90
9.85	10.35		b1	0.45	0.55
	0.45	0.55	L2	1.70	2.00
0.60	0.90		D	6.45	6.75
K	0.00	0.10	D1	5.10	5.50



65R180Z

SC

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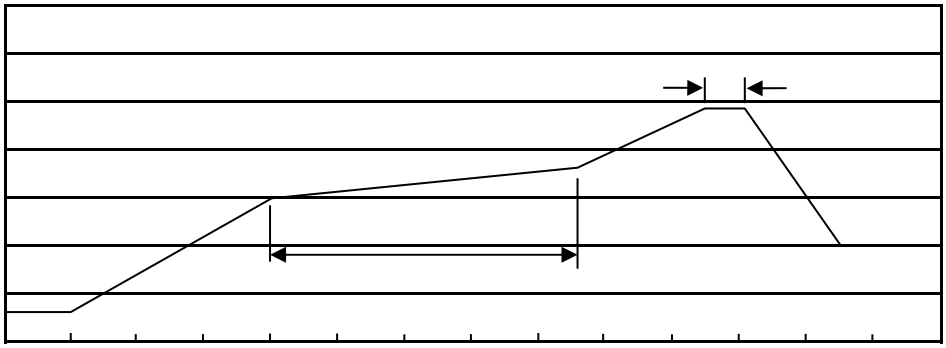
Temperature Profile for IR Reflow Soldering(Pb-Free)



± ± ± ±

± ±

	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box

	Units/Tube /	Tubes/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Tube	Inner Box	Outer Box